

HDC HDD 72 MC WO SCREW**Weidmüller Interface GmbH & Co. KG**Klingenbergsstraße 26
D-32758 Detmold
Germanywww.weidmueller.com

The HDD series with machined crimp contacts is designed for high pole counts in tight spaces. Users save installation space with the smaller design, without having to limit the number of poles.

The wire connection level is designed as a crimp contact. The established crimp connection has been used as a standard for decades. Crimp contacts are not delivered with the inserts.

Number of poles: 72

Rated current: 10 A

Rated voltage: 250 V

Nominal voltage acc. to UL/CSA: 600 V AC/DC

General ordering data

Version	HDC insert, Male, 250 V, 10 A, Number of poles: 72, Crimp connection, Installation size: 6
Order No.	1092130000
Type	HDC HDD 72 MC WO SCREW
GTIN (EAN)	4032248863730
Qty.	1 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	84.5 mm	Depth (inches)	3.3268 inch
Height	35 mm	Height (inches)	1.378 inch
Width	34 mm	Width (inches)	1.3386 inch
Net weight	57 g		

Temperatures

Limit temperature -40 °C ... 125 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	1609748e-c278-4c9b-b3d1-e6215d2988cd
Chemical resistance	Substance Acetone
	Chemical resistance Resistant
	Substance Ammonia, watery
	Chemical resistance Conditionally resistant
	Substance Petrol
	Chemical resistance Resistant
	Substance Benzene
	Chemical resistance Resistant
	Substance Diesel oil
	Chemical resistance Conditionally resistant
	Substance Acetic acid, concentrated
	Chemical resistance Resistant
	Substance Potassium hydroxide
	Chemical resistance Conditionally resistant
	Substance Methanol
	Chemical resistance Conditionally resistant
	Substance Motor oil
	Chemical resistance Conditionally resistant
	Substance Lye, diluted
	Chemical resistance Resistant
	Substance Hydrochlorofluorocarbons
	Chemical resistance Conditionally resistant
	Substance Outdoor use
	Chemical resistance Conditionally resistant

Dimensions

Width	34 mm	Total length base	84.5 mm
Height of plug	35 mm		

General data

Number of poles 72

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Plugging cycles, silver	≥ 500	
Plugging cycles, gold	≥ 500	
Type of connection	Crimp connection	
Installation size	6	
UL 94 flammability rating	V-0	
Volume resistance	≤ 4 mΩ	
Colour	beige	
Insulation resistance	1010 Ω	
Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)	
Insulating material group	IIIa	
Conductor cross-section	2.5 mm ²	
Type	Male	
Pollution severity	3	
Basic material	Copper alloy	
Series	HDD	
Rated voltage (DIN EN 61984)	250 V	
Rated voltage according to UL/CSA	600 V AC/DC	
Rated impulse voltage (DIN EN 61984)	4 kV	
Rated current (DIN EN 61984)	10 A	
Rated current (UR)	Wire connection cross section AWG	AWG 14
	Rated current	10 A
	Wire connection cross section AWG	AWG 16
	Rated current	7 A
	Wire connection cross section AWG	AWG 18
	Rated current	7 A
	Wire connection cross section AWG	AWG 20
	Rated current	2.75 A
	Wire connection cross section AWG	AWG 22
	Rated current	2.75 A
	Wire connection cross section AWG	AWG 24
	Rated current	2.75 A
Rated current (cUR)	Wire connection cross section AWG	AWG 14
	Rated current	6 A
	Wire connection cross section AWG	AWG 16
	Rated current	3.5 A
	Wire connection cross section AWG	AWG 18
	Rated current	3.5 A
	Wire connection cross section AWG	AWG 20
	Rated current	1.47 A
	Wire connection cross section AWG	AWG 22
	Rated current	1.47 A
	Wire connection cross section AWG	AWG 24
	Rated current	1.47 A
Free from halogens	true	
Low smoke acc. DIN EN 45545-2	Yes	
BG	6	
Number of signal contacts	0	
Number of power contacts	72	

Connection data PE

Connection type PE	Screw connection	Blade size, slotted (PE connection)	SD 0.6 x 3.5, SD 0.8 x 4.0
Stripping length PE connection	10 mm	Tightening torque, max. PE connection	1.5 Nm
Tightening torque, min. PE connection	1.2 Nm	Fixing screw	M 4
Rated cross-section	2.5 mm ²	Wire cross section, AWG (PE), min.	AWG 20
Wire cross section, AWG (PE), max.	AWG 14		

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Version

Wire connection cross section AWG, max.	AWG 14	Stripping length, rated connection	8 mm
Type of connection	Crimp connection	Installation size	6
Volume resistance	$\leq 4 \text{ m}\Omega$	Wire connection cross section AWG, min.	AWG 26
Wire cross-section, solid, max.	2.5 mm^2	Wire cross-section, solid, min.	0.5 mm^2
Wire connection cross section, finely stranded, max.	2.5 mm^2	Wire connection cross section, finely stranded, min.	0.5 mm^2
Conductor cross-section, max.	2.05 mm^2	Conductor cross-section, min.	0.14 mm^2
Basic material	Copper alloy	BG	6

Classifications

ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 14.0	27-44-02-05
ECLASS 15.0	27-44-02-05		